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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Frederick Gruner; Nazar Zaidi; Abbas Rashid;
Mark Bryers Confirmation No. 6076

Serial No.: 10/036,595

Filed: December 21, 2001 Customer No.: 28863

Examiner: Puneet Bhandari

Group Art Unit: 2666

Docket No.: 1014-057US06

Title: CROSS-BAR SWITCH

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on

April 22, 2005

By:

Name: Karen Sorensen

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449. This Information Disclosure Statement is being filed after a first Office Action on the merits but before a Notice of Allowance or a Final Rejection.

Copies of the U.S. patents are not enclosed as this requirement has been waived by the U.S. Patent Office.

Our check in the amount of \$180.00 is enclosed to cover the required fee set forth in §1.17(p) for a large entity. Please apply any other charges or credits to Deposit Account No. 50-1778.

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180.00 DP

Respectfully submitted,

Date: April 22, 2005

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(Use several sheets if necessary)

Application Number:
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Examiner Name:
Puneet Bhandari

Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

EXAMINER

Date Considered

Based on Form PTO-FB-A820
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce